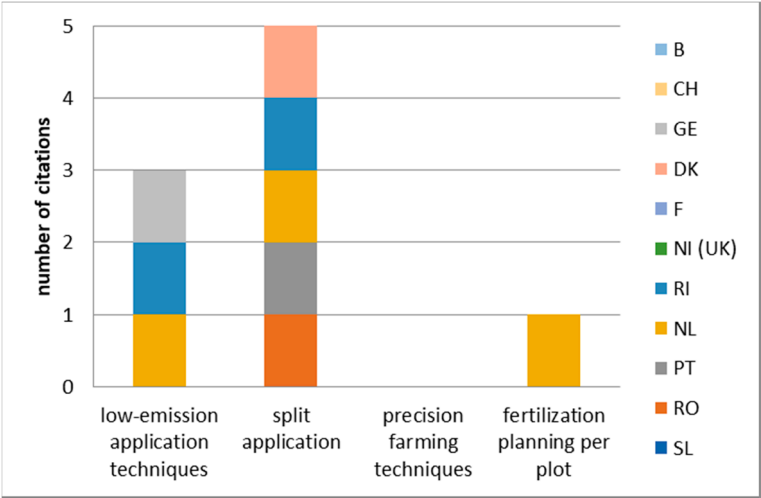
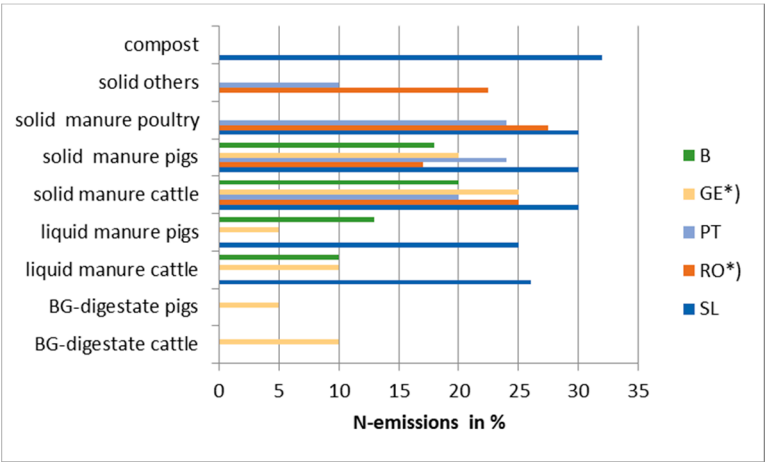


Supplementary figures



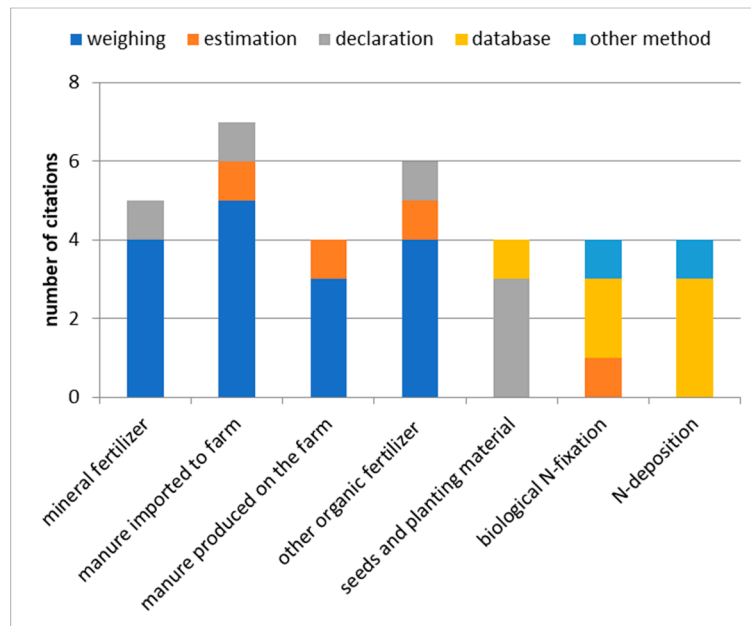
Source: expert survey results.

Figure S1. Impact of technical progress on N-requirement of the crop according to national fertilization planning systems.



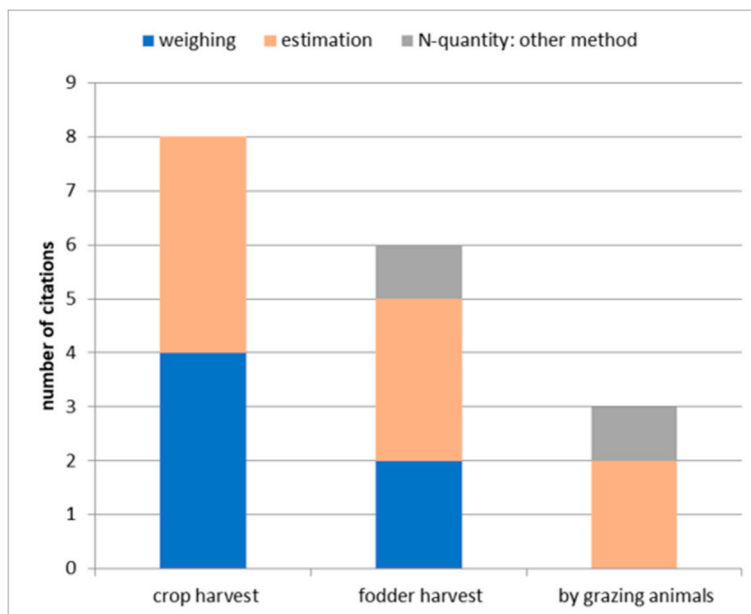
Source: expert survey results.

Figure S2. N emissions during and after organic fertilizer application in % of applied N *) in % of excreted N.



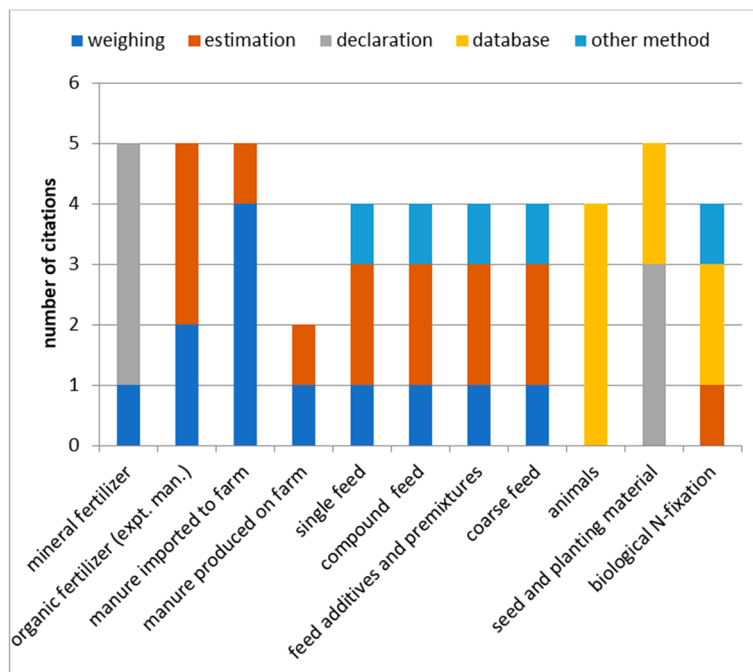
Source: expert survey results.

Figure S3. Quantitative determination of elements of nitrogen inflows of soil surface budgets; multiple answers possible.



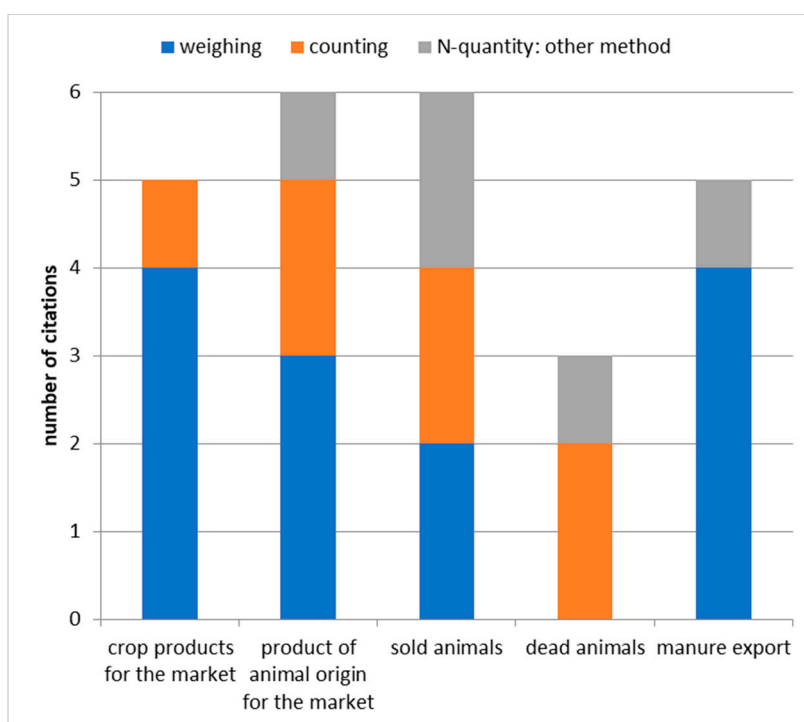
Source: expert survey results.

Figure S4. Quantitative determination of elements of nitrogen removal of soil surface budgets; multiple answers possible.



Source: expert survey results.

Figure S5. Quantitative determination of elements of nitrogen inflows of farm budgets; multiple answers possible.



Source: expert survey results.

Figure S6. Quantitative determination of elements of nitrogen removal of farm budgets; multiple answers possible.